

**Remarks/Arguments:**

Claims 1-8 are pending and stand rejected.

By this Amendment, claims 1, 4 and 6-7 are amended, claim 3 is cancelled without prejudice and new claims 9-11 are added.

No new matter is added by the claim amendments and new claims. Support for the claim amendments can be found throughout the original specification and, for example, in the original specification at page 8, lines 4-15, page 8, line 23 to page 9, line 2 and page 9, lines 11-15.

**Specification Changes**

In the Office Action, at page 2, the title of the invention is objected to.

Applicants have amended the title as "PLASMA DISPLAY PANEL HAVING A GAS ADSORPTION MEMBER."

It is submitted the new title overcomes this objection.

Reconsideration is respectfully requested.

**Rejection of Claims 1-8 under 35 U.S.C. §102(a)**

In the Office Action, at page 2, claims 1-8 are rejected as being anticipated by an IBM technical disclosure bulletin entitled "Gas Display Panel", hereafter referred to as IBM Technical Bulletin.

Applicants note that the rejection under 35 U.S.C. §102 covers claims 1-8. It appears that claims 4 and 7 have been improperly included in this rejection under 35 U.S.C. §102. This is because, the Examiner has added a rejection under 35 U.S.C. §103(a) over the IBM Technical Bulletin covering claims 4 and 7. Thus Applicants will address claims 4 and 7 under 35 U.S.C. §103(a) later in this Amendment.

Reconsideration is respectfully requested.

### **Claim 1**

Claim 1 is directed to a plasma display panel, and recites "a one or more holes of the gas absorption member have a combined total cross section area that is greater than a cross section area of the communication hole."

### **IBM Technical Bulletin**

The IBM technical bulletin discloses a gas display panel having a glass substrate 2 with a hole 4. The hole is provided so that the panel can be evacuated. A getter material 8, in the form of a ring, is provided and corresponds to the gas absorption member recited in claim 1. The IBM Technical Bulletin is silent regarding anything related to cross section areas of the hole 4 (corresponding to the communication hole recited in claim 1, or the hole formed by the ring of getter material 8). Furthermore, in the IBM Technical Bulletin at Fig. 1, the relative size of inner diameter of getter material 8 or hole 4 is not shown. That is, the IBM Technical Bulletin is silent regarding relative sizes of the getter material 8, exhaust pipe 14 and communication hole 4. Thus, the IBM Technical Bulletin does not disclose or suggest the feature in claim 1 of "one or more holes of the gas absorption member having a combined total cross sectional area that is greater than a cross section area of the communication hole," as required by claim 1.

Accordingly, it is submitted that claim 1 patentably distinguishes over the IBM Technical Bulletin for at least the above mentioned reasons.

### **Claims 2-3, 5-6 and 8**

Claims 2, 5-6 and 8, which include all the limitations of claim 1, are submitted to patentably distinguish over the IBM technical bulletin for at least the same reasons as claim 1.

Claim 3 is canceled without prejudice. Accordingly, the rejection of claim 3 is now moot.

**Rejection of Claims 4 and 7 under 35 U.S.C. §103(a)**

In the Office Action, at page 3, claims 4 and 7 are rejected under 35 U.S.C. §103(a) as being unpatentable over the IBM Technical Bulletin.

Reconsideration is respectfully requested.

Claims 4 and 7, which include all of the limitations of claim 1, are submitted to patentably distinguish over the IBM technical bulletin for at least the same reasons as claim 1.

Reconsideration is respectfully requested.

**New Claims 9-10**

New claims 9-10, which include all of the limitations of claim 1, are submitted to patentably distinguish over the cited art for at least the same reasons as claim 1.

New claim 9 includes a patentable distinction beyond that of claim 1, namely "the one or more holes is a plurality of holes and a composite cross sectional area of the plurality of holes is greater than an inner cross sectional cross section area of the exhausting pipe."

New claim 10 also includes a patentable distinction beyond that of claim 1, namely "the one or more holes includes at least two holes."

**New Claim 11**

New claim 11 is directed to a method of manufacturing a plasma display panel, and recites:

a step of disposing a front panel and a back panel opposed to each other having a communication hole to inside the opposed front and back panels with a sealing material for forming a discharge space inside;

a step of disposing the discharge space between a pedestal and the back panel, having a hole area larger than an area of the communication hole and an inner diameter area of an exhaust pipe and having a gas absorbing material of which an

outer diameter is smaller than an inner diameter of the pedestal and greater than the inner diameter of the exhaust pipe, positioning the exhaust pipe having the pedestal with an exhaust pipe fixing material so that the pedestal surrounds the communication hole of the back panel; after that,

a step of sealing the front panel and the back panel opposed to each other and the exhaust pipe, hardening the sealing material and the exhaust pipe fixing material by cooling, after softening the sealing material and the exhaust pipe fixing material by heating in a heating oven, facing the back panel side down; after that,

a step of an exhaust-baking which vacuums the discharge space through the exhaust pipe adhered under direction of the back panel during heating in the heating oven; after that,

a step of sealing a discharge gas into the discharge space through the exhaust pipe; and after that,

a step of sealing the exhaust pipe.

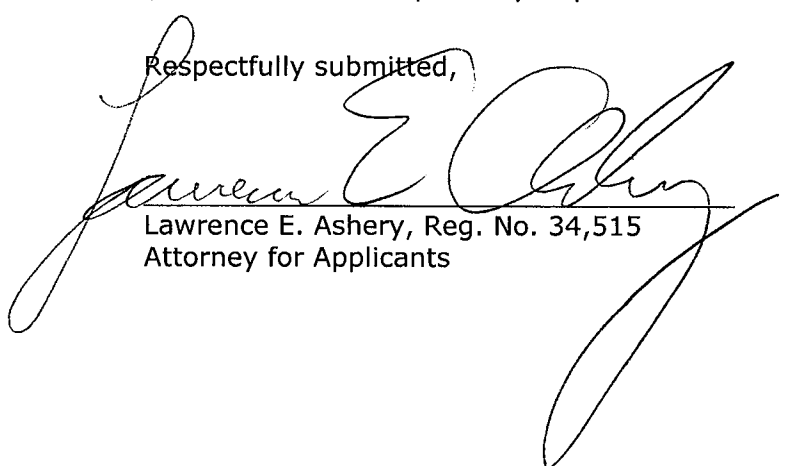
It is submitted that claim 1 patentably distinguishes over the IBM Technical Bulletin for the features recited therein.

Consideration and allowance is respectfully requested.

### Conclusion

In view of the claim amendments, new claims and remarks, Applicants submit the application is in condition for allowance, which action is respectfully requested.

Respectfully submitted,

  
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